

(19) World Intellectual Property  
Organization  
International Bureau



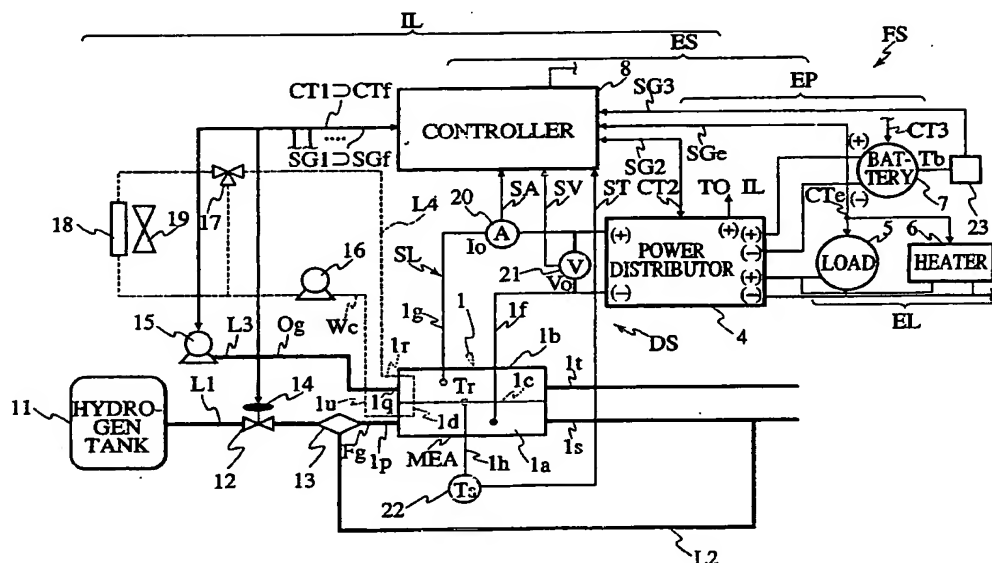
(43) International Publication Date  
23 September 2004 (23.09.2004)

PCT

(10) International Publication Number  
**WO 2004/082040 A2**

- (51) International Patent Classification<sup>7</sup>: **H01M** (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (21) International Application Number: **PCT/JP2004/003250**
- (22) International Filing Date: 11 March 2004 (11.03.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 2003-070667 14 March 2003 (14.03.2003) JP
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- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:  
— without international search report and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **FUEL CELL SYSTEM AND CONTROL METHOD**



(57) Abstract: An energy supply (ES) is formed by a fuel cell (1), a power distributor (4) connected to the fuel cell (1), and a secondary cell (7) connected to the power distributor (4), a whole load set (WL) is connected to the power distributor (4), and a controller (8) controls the power distributor (4) to warm the energy supply (ES) by alternatively repeating a power charging distribution (S61) in which power (Gm) generated at the fuel cell (1) is distributed to the secondary cell (7) and the load set (WL), and a power discharging distribution (S71) in which a sum of power (Gr) generated at the fuels cell (1) and power (Dp) discharged from the secondary cell (7) is distributed to the load set (WL).